

THERMAL TREATMENT FACILITY **INSPECTION GUIDANCE**

version 11-9/93

AIR DIVISION PERMIT NUMBER: _____

DATE:

FACILITY NAME:

INSPECTOR:

ACCOMPANIED BY:

SOLID WASTE MANAGEMENT REGULATIONS VR 672-20-10 REQUIREMENTS FOR THE THERMAL TREATMENT OF PETROLEUM CONTAMINATED SOILS

SECTION

CRITERIA

6.4.B.1. Is the facility accessed by a road which is capable of withstanding the anticipated loads?

YES N/A NO

6.4.B.2. Is the facility located in an area subject to base floods?

YES N/A NO

Is the facility closer than 50 feet to a surface water stream?

YES N/A NO

6.4.B.3. Does the facility have room on-site to minimize traffic congestion?

YES N/A NO

Is there room on-site such that the clean trucks do not pass through dirty soil to leave the facility?

YES N/A NO

6.4.B.4. Is the facility closer than 50 feet to any property line?

YES N/A NO

Is the facility closer than 200 feet to any home, school, or recreational park area?

YES N/A NO

6.4.C.1. Is the facility surrounded by barriers which limit elements from leaving the facility boundaries?

YES N/A NO

6.4.C.2. Are the internal roads leading to the dumping area constructed for all weather conditions?

YES N/A NO

6.4.C.3. Is the tipping area constructed of impervious material?

YES N/A NO

Does this material have visible cracks or other significant damage?

YES N/A NO

Is there a containment barrier to prevent PCS from spreading on site?

YES N/A NO

Is a water supply and washing equipment available to clean the facility and trucks with heavy deposits before leaving the facility?

YES N/A NO

What is done with the wash water?

6.4.C.4. Are there sufficient safety features to prevent trucks from backing into facility structures?

YES N/A NO

6.4.C.5. Are all structures and ramps made of materials that are easily cleaned?

YES N/A NO

6.4.C.6. Is there sufficient internal storage area for incoming waste?

YES N/A NO

If under roof, is there adequate ventilation to prevent the buildup of volatile products?

YES N/A NO

Is the PCS segregated by fuel type?

YES N/A NO

Is there sufficient room to process the maximum expected daily load?

YES N/A NO

6.4.C.7. Is the facility designed and operated to prevent dust and odors from moving off-site?

YES N/A NO

6.4.C.8. Is there adequate on-site queuing capacity for trucks waiting to unload soil?

YES N/A NO

6.4.C.9. Does the facility have a fire alarm and fire suppression system?

YES N/A NO

8.7.B.1. Does the facility require a certification from the generator that the waste soil is non-hazardous per the VHWMR and Subtitle C?

YES N/A NO

8.7.B.2. Does the facility require and maintain records of weight?

YES N/A NO

Are shipping manifests maintained in facility files?

YES N/A NO

8.7.B.3. Does the facility require a sampling protocol?

YES N/A NO

8.7.B.4. Does the facility require a statement from out-of-state generators that the soil is not considered a hazardous waste in the state of origin?

YES N/A NO

8.7.C.1. Does the facility require the following tests on incoming soil?

a) Paint filters for free liquid or an equivalent test?

YES N/A NO

b) TPH test using method 418.1?

YES N/A NO

c) BTEX test using method 8020?

YES N/A NO

d) TOX test using SW-846 method?

YES N/A NO

e) EP-TOX test for UST soil?

YES N/A NO

f) TCLP test for non-UST soil?

YES N/A NO

Does the facility maintain records of analysis for incoming soil?

YES N/A NO

8.7.C.2. For every operational **day**, is one grab sample collected hourly and composited?

YES N/A NO

If different, is the facility authorized by the Department to vary from this schedule?

YES N/A NO

Are the appropriate analyses conducted on the treated soils?

YES N/A NO

8.7.D. Does the facility use/dispose/or sell the treated soil (which)?

YES N/A NO

8.7.D.2. If the facility has treated soil with greater than 100 ppm TOX, does it have approval from this office?

YES N/A NO

8.7.D.6. Does the facility notify recipients of treated soil that it was a petroleum contaminated soil?

YES N/A NO

6.4.D.4. Does the facility have an operating plan meeting the requirements of this section?

YES N/A NO

Does this plan include:

a) housekeeping activities	YES	N/A	NO
b) traffic control	YES	N/A	NO
c) storm/waste water control	YES	N/A	NO
d) odor/noise control	YES	N/A	NO
e) pre-determined soil shipments	YES	N/A	NO
f) frequency of clean soil testing	YES	N/A	NO
g) contingency for handling soils that remain dirty following treatment	YES	N/A	NO

Is the area around the SRU adequately cleaned to be able to distinguish between clean and dirty soil?

YES N/A NO

6.4.D.5. Does the facility have a contingency plan to divert or stop incoming PCS during periods of non-processing or overload?

YES N/A NO

6.4.D.6. Is the facility causing a point and/or non-point source discharge of pollutants into waters of the United States or into wetlands?

YES N/A NO

If so, is the discharge permitted under VPDES?

YES N/A NO

6.4.D.6. Does the facility collect washwater and any leachate?

YES N/A NO

If yes, how do they manage it?

6.4.D.7. Is an inspection plan in place to detect the presence of hazardous wastes that may be mixed with the PCS?

YES N/A NO

Has any waste been received that is not allowed by the facility permit?

YES N/A NO

Is the facility accepting other special waste(s)?

YES N/A NO

If so, does the facility have approval from the Director to accept the special waste(s)?

YES N/A NO

Is there any evidence of free liquids in the PCS?

YES N/A NO

Does the facility accept drummed soils?

YES N/A NO

Do they dispose of the drums in a proper manner?

YES N/A NO

6.4.E Does the facility have a written closure plan placed in the operating record ?

YES N/A NO

Has the facility notified the Director of the intent to close ?

YES N/A NO

Has the owner/operator posted at least one sign notifying all persons of the closing and providing a notice prohibiting further receipt of waste?

YES N/A NO

3.1.B.5. Does the facility treat 75% of the PCS that it receives during its operating year?

YES N/A NO

Does the facility maintain Financial Assurance and is it updated annually?

YES N/A NO

VIRGINIA CODE REQUIREMENTS

Is this an existing Waste Division "Approved" facility?

YES N/A NO

Is this an existing Air Division permitted facility?

YES N/A NO

Does the facility maintain a copy of the following documents?:

a) Waste Division Approval	YES	N/A	NO
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b) Air Division permit	YES	N/A	NO
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C) Disclosure statements of all responsible parties	YES	N/A	NO
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Is the operator licensed by the Department of Professional and Occupational Regulation as a Certified Operator?

YES N/A NO

Name of licensee

License Number

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